

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : BARBER et al.  
Serial No. : To be Assigned  
For : USE OF A LENTIVIRAL VECTOR IN THE  
TREATMENT OF PAI  
Filed : Herewith

745 Fifth Avenue,  
New York, NY 10151

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Date of Deposit: March 12, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

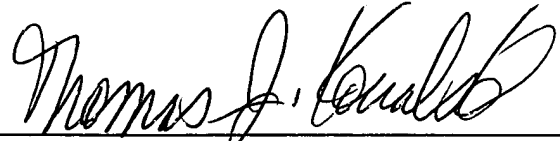
The Examiner's attention is directed to the enclosed documents cited on the accompanying PTO 1449 form, which is enclosed in duplicate. This Information Disclosure Statement is not a representation that the documents cited herein are considered most pertinent, or that a search has been undertaken, or that any of the cited documents are indeed prior art. The Examiner is invited to undertake an independent search.

Applicants respectfully request that the Examiner consider and make of record the documents cited herein and that a copy of the Form PTO-1449, initialed by the Examiner be returned to the undersigned.

Entry of this Information Disclosure Statement and an early examination on the merits  
are respectfully solicited.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By:

A handwritten signature in black ink, appearing to read "Thomas J. Kowalski", written over a horizontal line.

Thomas J. Kowalski  
Reg. No. 32,147  
Anne-Marie C. Yvon, Ph.D.  
Reg. No. 52,390  
Tel. No. (212) 588-0800  
Fax. No. (212) 588-0500

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO.  <b>674523-2033</b>		SERIAL NO.  <b>To Be Assigned</b>	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT  <b>BARBER, et al.</b>			
				FILING DATE <b>Concurrently Herewith</b>		GROUP  <b>To Be Assigned</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,214,620 B1	04/10/01	Johns et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AB	WO 96/27672	09/12/96	WIPO				
	AC	WO 99/11784	03/11/99	WIPO				
	AD	WO 99/61639	12/02/99	WIPO				
	AE	WO 00/18903	04/06/00	WIPO				
	AF	WO 01/46450 A1	06/28/01	WIPO				
	AG	WO 02/36170 A2	05/10/02	WIPO				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AH		Goss et al., "Antinoceptive effect of a genomic herpes simplex virus-based vector expressing human proenkephalin in rat dorsal root ganglion", <i>Gene Therapy</i> , Vol. 8, pp. 551-556, 2001
	AI		BIOSIS Abstract No. 2001:108875, Society for Neuroscience Abstracts, 2000, Vol. 26 (1-2), Abstract No. 608.7, Xu et al.
	AJ		Palmer et al., "Development and Optimization of Herpes Simplex Virus Vectors for Multiple Long-Term Gene Delivery to the Peripheral Nervous System", <i>Journal of Virology</i> , June 2000, pp. 5604-5618
	AK		DATABASE BIOSIS 'ONLINE!', Biosciences Information Service, Philadelphia, PA, April 2001, Goss et al., "Antinoceptive effect of a genomic herpes simplex virus-based vector expressing human proenkephalin in rat dorsal root ganglion", Database Accession No. PREV200100220095 XP002231111
	AL		DATABASE BIOSIS 'ONLINE!', Biosciences Information Service, Philadelphia, PA, 1991, Tsiang et al., "Rabies Virus Infection and Transport in Human Sensory Doral Root Ganglia Neurons", Database Accession No. PREV199192030308 XP-002231112
	AM		DATABASE BIOSIS 'ONLINE!', Biosciences Information Service, Philadelphia, PA, 2000, Oudega et al., "Amelioration of chronic neuropathic pain by adeno-associated viral (AAV) vector-mediated overexpression of BDNF in the rat spinal cord", Database Accession No.: PREV200100109054 XP 002231113
	AN		DATABASE BIOSIS 'ONLINE!', Biosciences Information Service, Philadelphia, PA, 2001, Azzouz et al., "Gene transfer to the nervous system using Equine Infectious Anaemia Virus based lentiviral vectors", Database Accession No. PREV200100497474 XP002231114
	AO		Mazarakis et al., "Rabies virus glycoprotein pseudotyping of lentiviral vectors enables retrograde axonal transport and access to the nervous system after peripheral delivery", <i>Human Molecular Genetics</i> , 2001, Vol. 10, No. 19, pp. 2109-2121
	AP		Mitrophanous et al., "Stable gene transfer to the nervous system using a non-primate lentiviral vector", <i>Gene Therapy</i> , Vol. 6, pp. 1808-1817, 1999, XP-000914884

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.